Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 24 Dec 2023 until 23:59 on Monday 25 Dec 2023

Forecast Issued on Sunday 24 Dec 2023 at 02:10

Confidence: High for cloud and rain on Sunday, and also for showers Christmas Day. Also high for more benign conditions Monday, although only moderate for cloud amounts. Moderate for a wet morning, with a band of persistent rain and strong winds on Wednesday, but low for the extent of any snow. Confidence becoming very low in detail by Thursday.

Headline for Sunday 24 Dec 2023: Cloud and outbreaks of rain clearing to brighter intervals. Windy.

Mountain weather hazards on Sunday 24 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Light rain	Cloudy	Light rain showers (night)	Cloudy
Precipitation probability					
40%	40%	40%	30%	30%	20%

Forecast for Sunday 24 Dec 2023

Weather: Rather cloudy morning, with outbreaks of rain and drizzle clearing south early afternoon. Some brighter or sunny spells likely to follow, with clearer intervals overnight, but isolated showers remain possible.

Chance of cloud-free hill tops above 600m: 20% at first, increasing to 80% during the afternoon.

Low cloud and visibility: Cloud obscuring hills above 500m during the morning, but breaking through the morning. A few patches persisting into the afternoon and evening, especially with any showers. Good visibility for much of the day away from cloud, but falling to Moderate, perhaps occasionally poor with any rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 24 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	40/49 W	41/53 W	35/48 W	34/47 W	32/45 W	34/48 W	31/45 W
300	27/36 W	28/39 SW	26/39 W	24/36 W	22/34 W	24/37 W	22/35 W
Valley	18/36 W	18/37 W	17/37 W	18/38 W	16/35 W	17/35 W	16/33 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	9/4	9/3	7/1	6/-0	5/-2	5/-2
300	11/7	11/6	11/7	10/6	9/4	8/3	7/3
Valley	11/8	11/8	11/8	10/6	9/5	8/4	8/4
Freezing Level*	2700m	2100m	1900m	1300m	1400m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height, with gusts 50-60mph over highest routes. Despite milder temperatures at low levels, feeling colder at height with the wind chill. Warm waterproof layers essential, along with excellent navigation skills in poor visibility. Best views likely later in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 24 Dec 2023	24.4mm	41mm	49.6mm

Forecast for Monday 25 Dec 2023

Weather: A few clear spells overnight. Dry at first, but turning cloudier with an increasing chance of showers spreading east late Christmas morning and through the afternoon. Turning cooler.

Maximum wind: West 25-30mph gusting 35-45mph.

Chance of cloud-free hill tops above 600m: 30% in west, 70% in east.

Low cloud and visibility: Occasional cloud at 500m, more broken in the east with a few tops clearer at times. The odd patch down to 400m with any showers. Poor visibility in any showers, but otherwise good views of distant hills possible.

Temperature: **Valleys:** Plus 7 rising to Plus 11 Celsius
At 600m: Plus 4 Celsius
Freezing level: Above summits.

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